

Geometry 4.7 Answer Bank: Triangles and Coordinate Proof

10) Proof: Various Answers

5

11) Proof: Various Answers

(8, 10)

A

(12, 4)

B

150

(0, b)

4 True & 3 False

(-a, 0)

(-a, 0)

$a\sqrt{2}$

$\sqrt{b^2 + c^2}$

(b, c)

(2a, b)

If the corresponding angles of two triangles are congruent, then the triangles are congruent.

If two triangles are congruent, then the corresponding angles of the triangles are congruent.

If two triangles are not congruent, then the corresponding angles are not congruent.

$n\sqrt{2}$

